

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
1B: Gaila-----	95	Very limited Seepage	1.00	Not limited		Very limited Deep to water	1.00
1C: Gaila-----	95	Very limited Seepage Slope	1.00 0.01	Not limited		Very limited Deep to water	1.00
2A: Glenelg-----	95	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
2B: Glenelg-----	95	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
2C: Glenelg-----	95	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Deep to water	1.00
2UB: Glenelg-----	50	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
Urban Land-----	45	Not rated		Not rated		Not rated	
2UC: Glenelg-----	50	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Deep to water	1.00
Urban Land-----	45	Not rated		Not rated		Not rated	
4B: Elioak-----	100	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.81	Very limited Deep to water	1.00
4C: Elioak-----	100	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.81	Very limited Deep to water	1.00
5A: Glenville-----	95	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Very limited Deep to water	1.00

Table WMS-1.--Water Management--Continued

Map symbol and soil name	Pct. of map unit	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
5B: Glenville-----	95	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Very limited Deep to water	1.00
6A: Baile-----	100	Somewhat limited Seepage	0.02	Very limited Depth to saturated zone Piping	1.00 1.00	Somewhat limited Slow refill Cutbanks cave	0.97 0.10
7UB: Gaila-----	50	Very limited Seepage	1.00	Not limited		Very limited Deep to water	1.00
Urban Land-----	45	Not rated		Not rated		Not rated	
7UC: Gaila-----	50	Very limited Seepage Slope	1.00 0.01	Not limited		Very limited Deep to water	1.00
Urban Land-----	45	Not rated		Not rated		Not rated	
9B: Linganore-----	50	Somewhat limited Depth to bedrock Seepage	0.11 0.03	Somewhat limited Thin layer	0.86	Very limited Deep to water	1.00
Hyattstown-----	30	Somewhat limited Depth to bedrock	0.66	Very limited Thin layer	1.00	Very limited Deep to water	1.00
9C: Linganore-----	50	Somewhat limited Depth to bedrock Seepage Slope	0.11 0.03 0.01	Somewhat limited Thin layer	0.86	Very limited Deep to water	1.00
Hyattstown-----	30	Somewhat limited Depth to bedrock Slope	0.66 0.01	Very limited Thin layer	1.00	Very limited Deep to water	1.00
16B: Brinklow-----	50	Somewhat limited Depth to bedrock Seepage	0.86 0.03	Somewhat limited Thin layer	0.86	Very limited Deep to water	1.00
Blocktown-----	30	Somewhat limited Depth to bedrock	0.66	Very limited Thin layer Seepage	1.00 0.12	Very limited Deep to water	1.00
16C: Brinklow-----	50	Somewhat limited Depth to bedrock Seepage	0.86 0.03	Somewhat limited Thin layer	0.86	Very limited Deep to water	1.00

Table WMS-1.--Water Management--Continued

Map symbol and soil name	Pct. of map unit	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Blocktown-----	30	Slope	0.01				
		Somewhat limited		Very limited		Very limited	
		Depth to bedrock	0.66	Thin layer	1.00	Deep to water	1.00
16D: Brinklow-----	50	Slope	0.01	Seepage	0.12		
		Somewhat limited		Somewhat limited		Very limited	
		Depth to bedrock	0.86	Thin layer	0.86	Deep to water	1.00
Blocktown-----	30	Slope	0.01				
		Somewhat limited		Very limited		Very limited	
		Depth to bedrock	0.66	Thin layer	1.00	Deep to water	1.00
17B: Occoquan-----	80	Slope	0.12	Seepage	0.03		
		Somewhat limited		Somewhat limited		Very limited	
		Depth to bedrock	0.03	Thin layer	0.86	Deep to water	1.00
17C: Occoquan-----	80	Slope	0.01	Seepage	0.03		
		Somewhat limited		Somewhat limited		Very limited	
		Depth to bedrock	0.01	Thin layer	0.11	Deep to water	1.00
18C: Penn-----	95	Slope	0.01	Seepage	1.00		
		Somewhat limited		Somewhat limited		Very limited	
		Depth to bedrock	0.11	Thin layer	0.86	Deep to water	1.00
18E: Penn-----	95	Slope	0.01	Seepage	1.00		
		Somewhat limited		Somewhat limited		Very limited	
		Depth to bedrock	0.11	Thin layer	0.86	Deep to water	1.00
19A: Bucks-----	85	Slope	0.01	Seepage	0.53		
		Somewhat limited		Very limited		Very limited	
		Depth to bedrock	0.01	Piping	1.00	Deep to water	1.00
19B: Bucks-----	85	Slope	0.01	Thin layer	0.46		
		Somewhat limited		Very limited		Very limited	
		Depth to bedrock	0.01	Piping	1.00	Deep to water	1.00
20A: Brentsville-----	100	Slope	0.01	Thin layer	0.46		
		Somewhat limited		Somewhat limited		Very limited	
		Depth to bedrock	0.86	Thin layer	0.86	Deep to water	1.00
20B: Brentsville-----	100	Slope	0.01	Seepage	0.03		
		Somewhat limited		Somewhat limited		Very limited	
		Depth to bedrock	0.86	Thin layer	0.86	Deep to water	1.00
		Seepage	0.70	Seepage	0.03		

Table WMS-1.--Water Management--Continued

Map symbol and soil name	Pct. of map unit	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
20C: Brentsville-----	100	Somewhat limited Depth to bedrock Seepage Slope	0.86 0.70 0.01	Somewhat limited Thin layer Seepage	0.86 0.03	Very limited Deep to water	1.00
21A: Penn-----	95	Very limited Seepage Depth to bedrock	1.00 0.11	Somewhat limited Thin layer	0.86	Very limited Deep to water	1.00
21B: Penn-----	95	Very limited Seepage Depth to bedrock	1.00 0.11	Somewhat limited Thin layer	0.86	Very limited Deep to water	1.00
21C: Penn-----	95	Very limited Seepage Depth to bedrock Slope	1.00 0.11 0.01	Somewhat limited Thin layer	0.86	Very limited Deep to water	1.00
21D: Penn-----	95	Very limited Seepage Slope Depth to bedrock	1.00 0.12 0.11	Somewhat limited Thin layer	0.86	Very limited Deep to water	1.00
21E: Penn-----	95	Very limited Seepage Slope Depth to bedrock	1.00 0.72 0.11	Somewhat limited Thin layer	0.86	Very limited Deep to water	1.00
21F: Nestoria-----	65	Somewhat limited Slope Depth to bedrock	0.82 0.66	Very limited Thin layer	1.00	Very limited Deep to water	1.00
Rock Outcrop-----	20	Not rated		Not rated		Not rated	
22A: Readington-----	80	Somewhat limited Seepage Depth to bedrock	0.70 0.01	Very limited Piping Depth to saturated zone Thin layer	1.00 0.95 0.46	Very limited Deep to water	1.00
22B: Readington-----	80	Somewhat limited Seepage Depth to bedrock	0.70 0.01	Very limited Piping Depth to saturated zone Thin layer	1.00 0.95 0.46	Very limited Deep to water	1.00
23A: Croton-----	100	Somewhat limited		Very limited		Very limited	

Table WMS-1.--Water Management--Continued

Map symbol and soil name	Pct. of map unit	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
		Depth to bedrock	0.08	Depth to saturated zone	1.00	Deep to water	1.00
				Thin layer	1.00		
				Piping	0.95		
24C: Montalto-----	100	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.01	Very limited Deep to water	1.00
		Slope	0.01				
24D: Montalto-----	100	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.01	Very limited Deep to water	1.00
		Slope	0.12				
25B: Legore-----	85	Very limited Seepage	1.00	Somewhat limited Piping	0.85	Very limited Deep to water	1.00
25C: Legore-----	85	Very limited Seepage	1.00	Somewhat limited Piping	0.85	Very limited Deep to water	1.00
		Slope	0.01				
26B: Montalto-----	100	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
26C: Montalto-----	100	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
		Slope	0.01				
27B: Neshaminy-----	100	Somewhat limited Seepage	0.53	Not limited		Very limited Deep to water	1.00
27C: Neshaminy-----	100	Somewhat limited Seepage	0.53	Not limited		Very limited Deep to water	1.00
		Slope	0.01				
28A: Watchung-----	100	Somewhat limited Seepage	0.53	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.47
				Piping	0.10	Cutbanks cave	0.10
29B: Jackland-----	85	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Very limited Deep to water	1.00
35B: Chrome-----	50	Somewhat limited Depth to bedrock	0.86	Somewhat limited Thin layer	0.86	Very limited Deep to water	1.00
		Seepage	0.70				
Conowingo-----	30	Somewhat limited		Very limited		Very limited	

Table WMS-1.--Water Management--Continued

Map symbol and soil name	Pct. of map unit	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
35C: Chrome-----	100	Seepage	0.53	Depth to saturated zone	1.00	Cutbanks cave	1.00
		Depth to bedrock	0.08	Piping	0.26	Slow refill	0.47
				Thin layer	0.08	Depth to hard bedrock	0.32
36A: Conowingo-----	95	Somewhat limited	0.86	Somewhat limited	0.86	Very limited	
		Depth to bedrock	0.70	Thin layer		Deep to water	1.00
		Seepage	0.01				
37B: Travilah-----	95	Somewhat limited		Very limited		Very limited	
		Depth to bedrock	0.86	Depth to saturated zone	1.00	Deep to water	1.00
		Seepage	0.03	Thin layer	0.86		
41A: Elsinboro-----	85	Somewhat limited		Somewhat limited		Very limited	
		Seepage	0.70	Piping	0.41	Deep to water	1.00
41B: Elsinboro-----	85	Somewhat limited		Somewhat limited		Very limited	
		Seepage	0.70	Piping	0.41	Deep to water	1.00
43A: Elk-----	100	Somewhat limited		Very limited		Very limited	
		Seepage	0.70	Piping	1.00	Deep to water	1.00
45A: Delanco-----	100	Somewhat limited		Very limited		Somewhat limited	
		Seepage	0.70	Depth to saturated zone	1.00	Slow refill	0.30
				Piping	0.79	Cutbanks cave	0.10
46A: Huntington-----	85	Somewhat limited		Very limited		Very limited	
		Seepage	0.70	Piping	1.00	Deep to water	1.00
				Thin layer	0.81		
47A: Lindside-----	80	Somewhat limited		Somewhat limited		Somewhat limited	
		Seepage	0.53	Piping	0.98	Slow refill	0.47
				Depth to saturated zone	0.95	Cutbanks cave	0.10
48A: Melvin-----	100	Somewhat limited		Very limited		Very limited	
						Deep to water	0.02
						Somewhat limited	

Table WMS-1.--Water Management--Continued

Map symbol and soil name	Pct. of map unit	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
50A: Rowland-----	85	Seepage	0.70	Depth to saturated zone	1.00	Slow refill	0.30
				Piping	0.88	Cutbanks cave	0.10
51A: Bowmansville-----	70	Very limited Seepage	1.00	Very limited Piping	1.00	Very limited Cutbanks cave	1.00
				Depth to saturated zone	1.00	Deep to water	0.01
51A: Bowmansville-----	70	Somewhat limited Seepage	0.53	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.30
				Piping	0.76	Cutbanks cave	0.10
Melvin-----	25	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.30
				Piping	0.88	Cutbanks cave	0.10
53A: Codorus-----	90	Very limited Seepage	1.00	Very limited Depth to saturated zone	1.00	Very limited Cutbanks cave	1.00
				Piping	1.00		
54A: Hatboro-----	100	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.30
				Piping	1.00	Cutbanks cave	0.10
55C: Evesboro-----	95	Very limited Seepage	1.00	Somewhat limited Seepage	0.84	Very limited Deep to water	1.00
57B: Chillum-----	100	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
57C: Chillum-----	100	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
		Slope	0.01				
57D: Chillum-----	100	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
		Slope	0.12				
57UB: Chillum-----	50	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
Urban Land-----	45	Not rated		Not rated		Not rated	

Table WMS-1.--Water Management--Continued

Map symbol and soil name	Pct. of map unit	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
58B: Sassafras-----	100	Very limited Seepage	1.00	Somewhat limited Seepage	0.03	Very limited Deep to water	1.00
58C: Sassafras-----	100	Very limited Seepage Slope	1.00 0.01	Somewhat limited Seepage	0.03	Very limited Deep to water	1.00
59A: Beltsville-----	100	Very limited Seepage	1.00	Very limited Piping Depth to saturated zone	1.00 1.00	Very limited Deep to water	1.00
59B: Beltsville-----	100	Very limited Seepage	1.00	Very limited Piping Depth to saturated zone	1.00 1.00	Very limited Deep to water	1.00
61B: Croom-----	100	Very limited Seepage	1.00	Not limited		Very limited Deep to water	1.00
61C: Croom-----	100	Very limited Seepage Slope	1.00 0.01	Not limited		Very limited Deep to water	1.00
61D: Croom-----	100	Very limited Seepage Slope	1.00 0.12	Not limited		Very limited Deep to water	1.00
61E: Croom-----	100	Very limited Seepage Slope	1.00 0.64	Not limited		Very limited Deep to water	1.00
61UB: Croom-----	50	Very limited Seepage	1.00	Not limited		Very limited Deep to water	1.00
Urban Land-----	50	Not rated		Not rated		Not rated	
64B: Croom-----	50	Very limited Seepage	1.00	Not limited		Very limited Deep to water	1.00
Bucks-----	30	Somewhat limited Seepage Depth to bedrock	0.53 0.01	Very limited Piping Thin layer	1.00 0.46	Very limited Deep to water	1.00
64C: Croom-----	50	Very limited Seepage	1.00	Not limited		Very limited Deep to water	1.00

Table WMS-1.--Water Management--Continued

Map symbol and soil name	Pct. of map unit	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Bucks-----	30	Slope Somewhat limited Seepage Depth to bedrock Slope	0.01 0.53 0.01 0.01	Very limited Piping Thin layer	1.00 0.46	Very limited Deep to water	1.00
65B: Wheaton-----	100	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
66UB: Wheaton-----	50	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
Urban Land-----	30	Not rated		Not rated		Not rated	
66UC: Wheaton-----	50	Somewhat limited Seepage Slope	0.70 0.01	Not limited		Very limited Deep to water	1.00
Urban Land-----	30	Not rated		Not rated		Not rated	
67UB: Urban Land-----	60	Not rated		Not rated		Not rated	
Wheaton-----	25	Not rated		Not rated		Not rated	
100: Dumps, Refuse-----	100	Not rated		Not rated		Not rated	
109D: Hyattstown-----	90	Somewhat limited Depth to bedrock Slope	0.66 0.12	Very limited Thin layer	1.00	Very limited Deep to water	1.00
109E: Hyattstown-----	90	Somewhat limited Slope Depth to bedrock	0.72 0.66	Very limited Thin layer	1.00	Very limited Deep to water	1.00
116C: Blocktown-----	85	Somewhat limited Depth to bedrock Slope	0.66 0.01	Very limited Thin layer Seepage	1.00 0.12	Very limited Deep to water	1.00
116D: Blocktown-----	85	Somewhat limited Depth to bedrock Slope	0.66 0.12	Very limited Thin layer Seepage	1.00 0.12	Very limited Deep to water	1.00

Table WMS-1.--Water Management--Continued

Map symbol and soil name	Pct. of map unit	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
116E: Blocktown-----	85	Somewhat limited Slope Depth to bedrock	0.72 0.66	Very limited Thin layer Seepage	1.00 0.12	Very limited Deep to water	1.00
200: Pits, Gravel-----	100	Not rated		Not rated		Not rated	
201: Pits, Quarry-----	100	Not rated		Not rated		Not rated	
300: Rock Outcrop-----	80	Not rated		Not rated		Not rated	
Blocktown-----	20	Somewhat limited Depth to bedrock	0.66	Very limited Thin layer Seepage	1.00 0.12	Very limited Deep to water	1.00
400: Urban Land-----	100	Not rated		Not rated		Not rated	
W: Census Water-----	100	Not rated		Not rated		Not rated	

